

Application No. 10/734,697
Amendment dated: October 22, 2008
Reply to Office action of July 24, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-7. (Canceled)

8. (Currently amended) A method for manufacturing a guidewire having a core and ~~[[a]]~~ at least one coil spiraled in a plurality of convolutions around the core, comprising the steps of:

forming the core of a first metallic material, the core having a proximal end and a distal end;

forming ~~[[the]]~~ a first coil made of a second metallic material different than the first metallic material; ~~[[and]]~~

forming a second coil;

mechanically interlocking the first coil and the distal end of the core; and

mechanically interlocking the second coil and the proximal end of the core

9. (Withdrawn) The method recited in Claim 8 wherein the mechanical interlocking step includes the steps of:

providing an enlargement; and

mechanically bonding the enlargement to the coil.

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10. (Withdrawn) The method recited in Claim 9 wherein the bonding step includes the steps of:

bonding the enlargement to the coil by one of welding, soldering, and adhering the enlargement to the coil.

11. (Currently amended) The method recited in Claim 8 further comprising the steps of:

providing ~~the coil~~ each of the first and second coils with a convolution forming a bridge; and

during the mechanical interlocking ~~[[step]]~~ steps, bending the proximal end of the core over the bridge of the first coil and bending the distal end of the core over the bridge of the second coil.

12. (Original) The method recited in Claim 11 wherein the bending step includes the step of bending the core in at least one revolution around the bridge.

13. (Original) The method recited in Claim 12 further comprising the step of:
after the bending step, fixing the core to itself.

14-15. (Canceled)